Bryan G Hughes

List of Publications by Year
in descending order

21	816	759233 12	996975 15
papers	citations	h-index	g-index

21	21	21	1531
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evolutionary conservation of the clk-1-dependent mechanism of longevity: loss of mclk1 increases cellular fitness and lifespan in mice. Genes and Development, 2005, 19, 2424-2434.	5.9	309
2	Sequential fractionation and isolation of subcellular proteins from tissue or cultured cells. MethodsX, 2015, 2, 440-445.	1.6	145
3	Targeting MMP-2 to treat ischemic heart injury. Basic Research in Cardiology, 2014, 109, 424.	5.9	69
4	A Mild Impairment of Mitochondrial Electron Transport Has Sex-Specific Effects on Lifespan and Aging in Mice. PLoS ONE, 2011, 6, e26116.	2.5	45
5	MMP-2 is localized to the mitochondria-associated membrane of the heart. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H764-H770.	3.2	40
6	Different Mechanisms of Longevity in Long-Lived Mouse and Caenorhabditis elegans Mutants Revealed by Statistical Analysis of Mortality Rates. Genetics, 2016, 204, 905-920.	2.9	37
7	Genetic and molecular characterization of CLK-1/mCLK1, a conserved determinant of the rate of aging. Experimental Gerontology, 2006, 41, 940-951.	2.8	33
8	Estimating the occurrence of primary ubiquinone deficiency by analysis of large-scale sequencing data. Scientific Reports, 2017, 7, 17744.	3.3	31
9	Nuclear matrix metalloproteinase-2 in the cardiomyocyte and the ischemic-reperfused heart. Journal of Molecular and Cellular Cardiology, 2016, 94, 153-161.	1.9	30
10	Many possible maximum lifespan trajectories. Nature, 2017, 546, E8-E9.	27.8	25
11	Dynamic Alterations to Î±-Actinin Accompanying Sarcomere Disassembly and Reassembly during Cardiomyocyte Mitosis. PLoS ONE, 2015, 10, e0129176.	2.5	21
12	Matrix metalloproteinase-2 in oncostatin M-induced sarcomere degeneration in cardiomyocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H183-H189.	3.2	16
13	Doxorubicin induces de novo expression of N-terminal-truncated matrix metalloproteinase-2 in cardiac myocytes. Canadian Journal of Physiology and Pharmacology, 2018, 96, 1238-1245.	1.4	12
14	Compensatory elevation of voluntary activity in mouse mutants with impaired mitochondrial energy metabolism. Physiological Reports, 2014, 2, e12214.	1.7	2
15	Mclk1+/- mice are not resistant to the development of atherosclerosis. Lipids in Health and Disease, 2009, 8, 16.	3.0	1
16	Phylogenetic ubiquity of the effects of altered ubiquinone biosynthesis on survival. Aging, 2011, 3, 184-185.	3.1	0
17	Role of MMPâ€2 activation in oncostatinâ€M induced cardiomyocyte dedifferentiation. FASEB Journal, 2013, 27, 1146.4.	0.5	0
18	Analysis of mitochondrial MMPâ€2 and MMPâ€9 in the heart. FASEB Journal, 2013, 27, 1129.10.	0.5	0

#	Article	IF	Citations
19	Intracellular proteases and sarcomere disassembly in neonatal cardiomyocytes. FASEB Journal, 2013, 27, 1217.33.	0.5	0
20	Matrix metalloproteinaseâ€2 is localized to the mitochondriaâ€associated membrane in the heart (1154.4). FASEB Journal, 2014, 28, 1154.4.	0.5	0
21	Nuclear Localization and Biological Function of Matrix Metalloproteinaseâ€2. FASEB Journal, 2015, 29, 979.6.	0.5	0